

WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

July 12, 2005

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

FROM: James D. Smith, Environmental Scientist

RE: 2005 First Quarter Water Monitoring, PacifiCorp, Trail Mountain Mine, C/015/0009, Task ID # 2171

The Trail Mountain Mine is currently idle. The monitoring plan is described in Appendix A of Volume 9 of the MRP.

1. Were data submitted for all required sites?

Springs YES ☒ NO ☐

18-1-1 (Oliphant T-18) is the only spring monitored in the first quarter: there was no flow.

Streams YES ☒ NO ☐

Wells YES ☒ NO ☐

Water level in TM-3 has been recovering since Trail Mountain Mine operations ceased, and a well cap and pressure gauge were installed August 2003 because water was approaching the top of the casing: "no artesian pressure" was reported in April 2004 and "dry" for May and June, but values have been reported since the 3rd quarter 2004.

UPDES YES ☒ NO ☐

DMRs were submitted in electronic format (Adobe). There was no discharge from either UPDES point during the first quarter 2005. The mine was sealed in June 2001 and there has been no reported discharge at UPDES UT23728-002 (the mine-water discharge into Cottonwood Creek) since May 2001.

2. Were all required parameters reported for each site?

Springs YES ☒ NO ☐

Streams YES ☒ NO ☐

Wells YES ☒ NO ☐

UPDES YES ☒ NO ☐

3. Were irregularities found in the data?

Springs YES ☐ NO ☒

Streams YES ☒ NO ☐

SW-2, lab specific conductivity* (n = 95) was outside two standard deviations.
[* Not a required parameter.]

Wells YES ☐ NO ☒

UPDES YES ☐ NO ☒

4. On what date does the MRP require a five-year resampling of baseline water data.

Renewal submittal due 10/21/04, renewal due 02/21/05. Baseline analyses were performed in 2001 and will be repeated every 5 years, i.e., the next baseline analyses will be in 2006.

5. Based on your review, what further actions, if any, do you recommend?

There is no further action recommended at this time.

6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? ☐ Yes ☒ No

7. Follow-up from last quarter, if necessary.

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NA.

8. Did the Mine Operator submit all the missing or irregular data (datum)?

NA.

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